

1
SEQUENCE LISTING

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<120> LNG105 ANTIBODY COMPOSITIONS AND METHODS OF USE, AND USE OF
LNG105 TO ASSESS LUNG CANCER RISK

<130> DEX0499US.NP

<140> 10/593,799
<141> 2007-08-06

<150> US 60/556,466
<151> 2004-03-25

<150> PCT/US2005/010085
<151> 2005-03-25

<160> 4

<170> PatentIn version 3.5

<210> 1
<211> 419
<212> PRT
<213> Homo sapien

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Met Leu Gln Asn Ser Ala Val Leu Leu Val Leu Val Ile Ser Ala Ser
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Ala Thr Gly Ile Arg Ile Pro Leu His Arg Val Gln Pro Gly Arg Arg
20 25 30

Ile Leu Asn Leu Leu Arg Gly Trp Arg Glu Pro Ala Glu Leu Pro Lys
35 40 45

Leu Gly Ala Pro Ser Pro Gly Asp Lys Pro Ile Phe Val Pro Leu Ser
50 55 60

Asn Tyr Arg Asp Val Gln Tyr Phe Gly Glu Ile Gly Leu Gly Thr Pro
65 70 75 80

Pro Gln Asn Phe Thr Val Ala Phe Asp Thr Gly Ser Ser Asn Leu Trp
85 90 95

Val Pro Ser Arg Arg Cys His Phe Phe Ser Val Pro Cys Trp Leu His
100 105 110

His Arg Phe Asp Pro Lys Ala Ser Ser Ser Phe Gln Ala Asn Gly Thr
115 120 125

Lys Phe Ala Ile Gln Tyr Gly Thr Gly Arg Val Asp Gly Ile Leu Ser
 130 135 140

Glu Asp Lys Leu Thr Ile Gly Gly Ile Lys Gly Ala Ser Val Ile Phe
 145 150 155 160

Gly Glu Ala Leu Trp Glu Pro Ser Leu Val Phe Ala Phe Ala His Phe
 165 170 175

Asp Gly Ile Leu Gly Leu Gly Phe Pro Ile Leu Ser Val Glu Gly Val
 180 185 190

Arg Pro Pro Met Asp Val Leu Val Glu Gln Gly Leu Leu Asp Lys Pro
 195 200 205

Val Phe Ser Phe Tyr Leu Asn Arg Asp Pro Glu Glu Pro Asp Gly Gly
 210 215 220

Glu Leu Val Leu Gly Gly Ser Asp Pro Ala His Tyr Ile Pro Pro Leu
 225 230 235 240

Thr Phe Val Pro Val Thr Val Pro Ala Tyr Trp Gln Ile Arg Met Glu
 245 250 255

Arg Val Lys Val Gly Pro Gly Leu Thr Leu Cys Ala Lys Gly Cys Ala
 260 265 270

Ala Ile Leu Asp Thr Gly Thr Ser Leu Ile Thr Gly Pro Thr Glu Glu
 275 280 285

Ile Arg Ala Leu His Ala Ala Ile Gly Gly Ile Pro Leu Leu Thr Gly
 290 295 300

Glu Tyr Ile Ile Leu Cys Ser Glu Ile Pro Lys Leu Pro Ala Val Ser
 305 310 315 320

Phe Leu Leu Gly Gly Val Trp Phe Asn Leu Thr Ala His Asp Tyr Val
 325 330 335

Ile Gln Thr Thr Arg Asn Gly Val Arg Leu Cys Leu Ser Gly Phe Gln
 340 345 350

Ala Leu Asp Val Pro Pro Pro Ala Gly Pro Phe Trp Ile Leu Gly Asp
 355 360 365

Val Phe Leu Gly Thr Tyr Val Ala Val Phe Asp Arg Gly Asp Met Lys
 370 375 380

Ser Ser Ala Arg Val Gly Leu Ala Arg Ala³ Arg Thr Arg Gly Ala Asp
385 390 395 400

Leu Gly Trp Gly Glu Thr Ala Gln Ala Gln Phe Pro Gly His His His
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His His His

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Ala Thr His Glu Ala Glu Gln Ser Arg Thr Leu Ile Arg Ile Pro Leu
20 25 30

His Arg Val Gln Pro Gly Arg Arg Ile Leu Asn Leu Leu Arg Gly Trp
35 40 45

Arg Glu Pro Ala Glu Leu Pro Lys Leu Gly Ala Pro Ser Pro Gly Asp
50 55 60

Lys Pro Ile Phe Val Pro Leu Ser Asn Tyr Arg Asp Val Gln Tyr Phe
65 70 75 80

Gly Glu Ile Gly Leu Gly Thr Pro Pro Gln Asn Phe Thr Val Ala Phe
85 90 95

Asp Thr Gly Ser Ser Asn Leu Trp Val Pro Ser Arg Arg Cys His Phe
100 105 110

Phe Ser Val Pro Cys Trp Leu His His Arg Phe Asp Pro Lys Ala Ser
115 120 125

Ser Ser Phe Gln Ala Asn Gly Thr Lys Phe Ala Ile Gln Tyr Gly Thr
130 135 140

Gly Arg Val Asp Gly Ile Leu Ser Glu Asp Lys Leu Thr Ile Gly Gly
145 150 155 160

Ile Lys Gly Ala Ser Val Ile Phe Gly Glu Ala Leu Trp Glu Pro Ser
165 170 175

Leu Val Phe Ala Phe Ala His Phe Asp Gly Ile Leu Gly Leu Gly Phe
 180 185 190
 Pro Ile Leu Ser Val Glu Gly Val Arg Pro Pro Met Asp Val Leu Val
 195 200 205
 Glu Gln Gly Leu Leu Asp Lys Pro Val Phe Ser Phe Tyr Leu Asn Arg
 210 215 220
 Asp Pro Glu Glu Pro Asp Gly Gly Glu Leu Val Leu Gly Gly Ser Asp
 225 230 235 240
 Pro Ala His Tyr Ile Pro Pro Leu Thr Phe Val Pro Val Thr Val Pro
 245 250 255
 Ala Tyr Trp Gln Ile Arg Met Glu Arg Val Lys Val Gly Pro Gly Leu
 260 265 270
 Thr Leu Cys Ala Lys Gly Cys Ala Ala Ile Leu Asp Thr Gly Thr Ser
 275 280 285
 Leu Ile Thr Gly Pro Thr Glu Glu Ile Arg Ala Leu His Ala Ala Ile
 290 295 300
 Gly Gly Ile Pro Leu Leu Thr Gly Glu Tyr Ile Ile Leu Cys Ser Glu
 305 310 315 320
 Ile Pro Lys Leu Pro Ala Val Ser Phe Leu Leu Gly Gly Val Trp Phe
 325 330 335
 Asn Leu Thr Ala His Asp Tyr Val Ile Gln Thr Thr Arg Asn Gly Val
 340 345 350
 Arg Leu Cys Leu Ser Gly Phe Gln Ala Leu Asp Val Pro Pro Pro Ala
 355 360 365
 Gly Pro Phe Trp Ile Leu Gly Asp Val Phe Leu Gly Thr Tyr Val Ala
 370 375 380
 Val Phe Asp Arg Gly Asp Met Lys Ser Ser Ala Arg Val Gly Leu Ala
 385 390 395 400
 Arg Ala Arg Thr Arg Gly Ala Asp Leu Gly Trp Gly Glu Thr Ala Gln
 405 410 415
 Ala Gln Phe Pro Gly Ala Ser Tyr Pro Tyr Asp Val Pro Asp Tyr Ala
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His His His His His His
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Ser Arg Thr Leu
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